

# Converting Colors

Hex(6434E8)

Have a look what the booklet for  
Hex(6434E8) contains.

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**Color**

**Hex(6434E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6434E8
RGB	100, 52, 232
RGB Percent	39%, 20%, 91%
CMY	0.6078, 0.7961, 0.0902
CMYK	0.57, 0.78, 0.00, 0.09
HSL	256°, 80%, 56%
HSV	256°, 78%, 91%
XYZ	21.0490, 10.9915, 77.3561
YIQ	86.8720, -29.1720, 66.1560

# Conversions

## Conversions Part 2

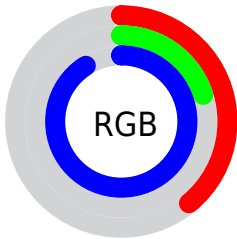
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 52, 232
Decimal	6567144
CIE <sub>Lab</sub>	39.57, 63.00, -82.66
CIE <sub>LCh</sub>	40, 103.927, 307.313
Yxy	10.9915, 0.1924, 0.1005
Android (android.graphics.Color)	4284757224 (0xFF6434E8)
YUV	86.8720, 71.5481, 11.5133
Hunter-Lab	33.1534, 55.3106, -115.1325

# Details

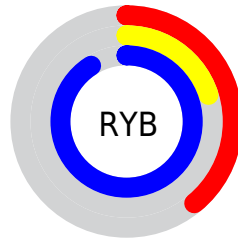
The Hex color **6434E8** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **B8E834**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A369FF**, and **0800AF** is the 20% darker color. If you saturate the color by 10%, you get **531DE8**, and if you desaturate by 10%, it is **754BE8**.

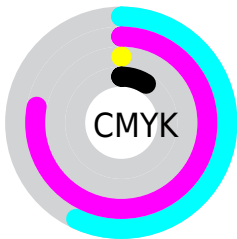
# Distribution



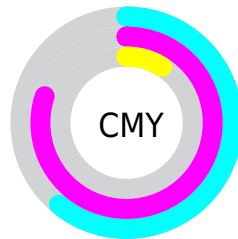
- Red (39%)
- Green (20%)
- Blue (91%)



- Red (39%)
- Yellow (20%)
- Blue (91%)



- Cyan (57%)
- Magenta (78%)
- Yellow (0%)
- Black (9%)



- Cyan (61%)
- Magenta (80%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6434E8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6434E8 by changing the saturation by 10% instead.



 6434E8

 6434E8

FFFFFF

 4117CB

 A369FF

 0800AF

 C283FF

 000093

 E19FFF

 000079

 FFBBFF

 00015F

 FFD7FF

 000846

 FFF4FF

 00042E

 000119

 000000

■ 6434E8

■ 6434E8

■ 531DE8

■ 754BE8

■ 4206E8

■ 8662E8

■ 3E00E8

■ 977AE8

■ A891E8

■ B9A8E8

■ CABFE8

■ DBD6E8

■ ECEEE8

■ FDFFE8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0066FF



6434E8



CA00A1

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6434E8



A43C00



007A71

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6434E8



B8E834

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00770C



6434E8



606100

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6434E8



D30000



007100



007CC5

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6434E8



E20069



007100



007953



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6434E8



D4C4FF



34B8E8



655C80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6434E8



5112FF



BE34E8



6A6773



3000B3



0E0033



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E834B8



FF12C0



5EE834



736770



B30083

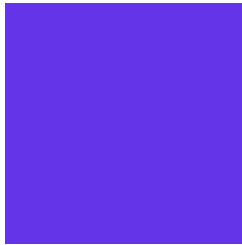


330025



# Previews

## White Background



This preview shows how the Hex color 6434E8 looks on a white background.

## Color Contrast Check

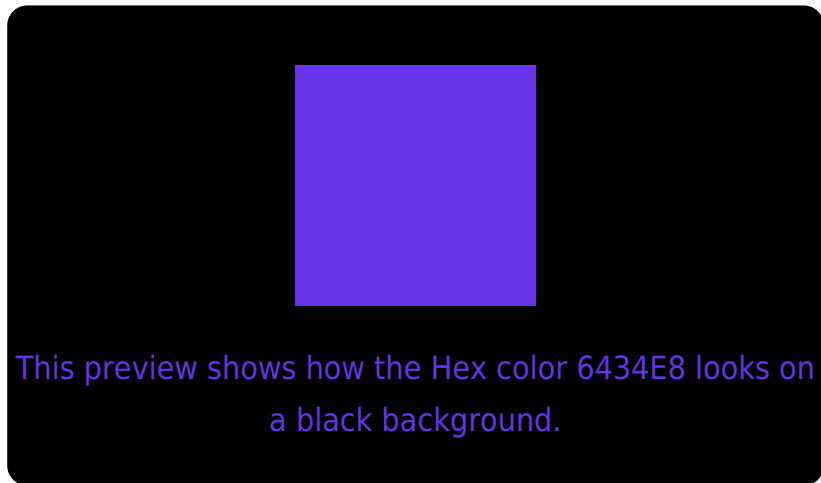
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

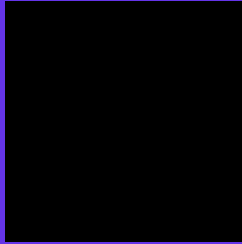
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6434E8 Background



This preview shows how black text looks on a background with the Hex color 6434E8.

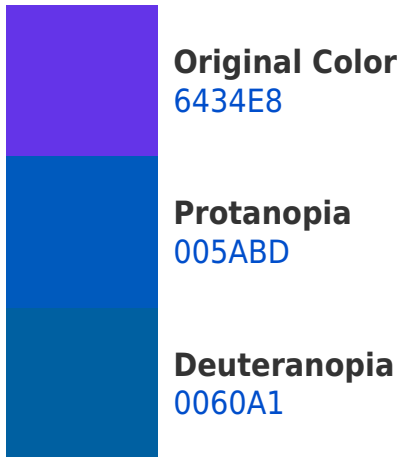



This preview shows how white text looks on a background with the Hex color 6434E8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
34646C

# Trichromacy



**Original Color**  
6434E8



**Protanomaly**  
244CCD



**Deuteranomaly**  
2450BB



**Tritanomaly**  
455399

# Monochromacy



**Original Color**  
6434E8



**Achromatopsia**  
575757



**Achromatomaly**  
5C4A8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6434E8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6434E8 looks like.

```
.text, #text, p{  
    color:#6434E8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6434E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6434E8
}
```

## Border

The CSS property to change the border of an element to Hex 6434E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6434E8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6434E8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6434E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6434E8; -webkit-box-shadow:4px 4px  
4px 4px #6434E8; box-shadow:4px 4px 4px  
4px #6434E8 }
```

# Background

The CSS property to change the background color of an element to Hex 6434E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6434E8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6434E8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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